

Appln No. 10/510,174  
Amdt date November 29, 2004  
Reply to Office action of N/A

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Amend claims 1-10 and add claims 11-14.

1. (Currently Amended) ~~Synchronisation~~ A synchronization device ~~[[ (1) ]]~~ for preparing an optical ~~synchronisation~~ synchronization signal in computer-controlled picture ~~recordings~~ recording of a motion picture camera ~~[[ with ]]~~ comprising

- a ~~signalling~~ signaling device for generating an optical ~~synchronisation~~ synchronization signal,

wherein the optical ~~synchronisation~~ synchronization signal of the ~~synchronisation~~ synchronization device ~~[[ (1) ]]~~ can be initiated by means of ~~[[ the ]]~~ a computer controlling the picture ~~recordings,~~ recording and wherein

~~characterised in that~~

the ~~signalling~~ signaling device has a number of optical ~~signalling~~ signaling elements ~~[[ (2) ]]~~ for generating optical ~~synchronisation~~ synchronization signals.

2. (Currently Amended) ~~Synchronisation~~ The synchronization device according to claim 1 ~~characterised in that~~ wherein the optical ~~signalling~~ signaling elements ~~[[ (2) ]]~~ of the ~~signalling~~ signaling device are arranged in the form of a digital display for ~~letters and/or numbers~~ symbols.

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3. (Currently Amended) ~~Synchronisation~~ The  
synchronization device according to claim 1 ~~[[or 2]]~~  
~~characterised in that~~ wherein the optical ~~signalling~~ signaling  
elements ~~[[2]]~~ of the ~~signalling~~ signaling device are arranged  
in the form of a matrix.

4. (Currently Amended) ~~Synchronisation~~ The  
synchronization device according to ~~one of claims 1 to 3~~  
~~characterised in that~~ claim 1, 2 or 3 wherein the optical  
~~signalling~~ signaling elements ~~[[2]]~~ are formed as light-  
emitting lighting elements ~~[[2]]~~.

5. (Currently Amended) ~~Synchronisation~~ The  
synchronization device according to ~~one of claims 1 to 4~~  
~~characterised in that~~ claim 1, 2 or 3 wherein the ~~signalling~~  
signaling device is mounted in a housing, ~~[[10]]~~ wherein the  
optical ~~signalling~~ signaling elements ~~[[2]]~~ are visible on at  
least one surface of the housing (10).

6. (Currently Amended) ~~Synchronisation~~ The  
synchronization device according to claim 5 ~~characterised in~~  
~~that~~ wherein the housing ~~[[10]]~~ comprises ~~[[a]]~~ control  
electronics of the ~~signalling~~ signaling device and a control  
interface ~~[[11]]~~ for connection to ~~[[a]]~~ the computer.

7. (Currently Amended) ~~Synchronisation~~ The  
synchronization device according to claim 6 ~~characterised in~~

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~~that~~ wherein the control interface ~~[[11]]~~ can be connected to a CAN bus system.

8. (Currently Amended) ~~Synchronisation~~ The  
synchronization device according to ~~one of the preceding claims~~  
~~characterised in that~~ claim 1, 2 or 3 wherein the optical  
~~signalling~~ signaling elements ~~[[2]]~~ comprise light-emitting  
diodes.

9. (Currently Amended) ~~Synchronisation~~ The  
synchronization device according to claim 8 ~~characterised in~~  
~~that~~ wherein the optical ~~signalling~~ signaling elements comprise  
light-emitting diodes which are suitable for ~~[[the]]~~  
controllable additive ~~colour~~ color mixing of the light generated  
by the optical ~~signalling~~ signaling elements ~~[[2]]~~.

10. (Currently Amended) ~~Synchronisation~~ The  
synchronization device according to ~~one of the preceding claims~~  
~~characterised in that~~ claim 1, 2 or 3 wherein the  
~~synchronisation~~ synchronization device ~~[[1]]~~ has an interface  
~~[[12]]~~ for connection of a light device ~~[[3]]~~ for the  
projection of an optical synchronisation signal.

11. (New) The synchronization device according to  
claim 2 wherein the symbols are selected from the group of  
signals consisting of letters and numbers.

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12. (New) The synchronization device according to claims 1, 2 or 3 wherein the optical signaling elements comprise light-emitting diodes.

13. (New) The synchronization device according to claim 8 wherein the light-emitting diodes provide for color mixing.

14. (New) The synchronization device according to claims 1, 2 or 3 wherein the optical signaling elements provide for color mixing.

15. (New) A synchronization device for preparing an optical synchronization signal in a computer controlled picture recording, the device comprising a signaling device for generating an optical synchronization signal in response to a signal received from a computer controlling the picture recording.